ABSTRACT

A device for thermally insulating at least one undersea pipe (1), the device comprising:

• a thermally insulating covering $(3_1, 3_3)$ surrounding said pipe(s);

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• said covering itself being covered by an outer leakproof protective case (2), and said case (2) being made of a flexible or semirigid material suitable for remaining in contact with the outside surface of said insulating covering (3) when it deforms,

the device being characterized in that:

- \cdot said insulating covering comprises a phase-change material (3₁) confined in at least one container (3₂) made of a flexible or semirigid material that is deformable; and
- \cdot said container(s) (3₂) being disposed around said pipe(s) (1).

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